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A MIN OF THE STATE		DEC \$ 1 2003	PTO/SB/21 (08-03) Approved for use through 07/31/2006. OMB 0651-0031 t and Trademark Office; U.S. DEPARTMENT OF COMMERCE			
TI	RANSMITTAL FORM all correspondence after initial filing)	Application Number Filing Date First Named Inventor	and Trademark Office; U.S. DEPARTMENT OF COMMERCE of information unless it displays a valid OMB control number. 09/887,661 08/03/2001 Pramod K. Arora et al 1712 Jeffrey Robertson			
Total Number of	Pages in This Submission		495263010035			
X Amendme Al X Extension Express A Informatio Certified C Documen Response Incomplet	smittal Form ee Attached ent/Reply fiter Final ffidavits/declaration(s) n of Time Request Abandonment Request on Disclosure Statement Copy of Priority	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s) emarks	After Allowance communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information			
Firm	SIGNATUR	E OF APPLICANT, ATTORNE	Y, OR AGENT			
Firm or Individual name	H. Duane Swi	tzer				
Signature	H Dume	Suita.				
Date	December 16	, 2003				
	CERT	IFICATE OF TRANSMISSION	MAILING			
	as first class mail in an envelope elow.		deposited with the United States Postal Service with ents, P.O. Box 1450, Alexandria, VA 22313-1450 on			

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Date

12/16/2003

Duane Switzer

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PTO/SB/17 (10-03)

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TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1494.00

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Co	emplete if Kn wn
Application Number	09/887,661
Filing Date	08/03/2001
First Named Inventor	Pramod K. Arora et al
Examiner Name	Jeffrey Robertson
Art Unit	1712
Attorney Docket No.	495263010035

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit card Money Other None	3. ADDITIONAL FEES							
X Deposit Account:	Large E	Large Entity Small Entity						
Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Account Number 501432	1051	130	2051	65	Surcharge - late filing fee or oath			
Deposit Account Jones Day	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	ó		
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month			
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	475		
Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	. Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing			
1005 160 2005 80 Provisional filling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1) (\$)	1452	110	2452	55	Petition to revive - unavoidable			
	1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)			
25 Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee			
Total Claims 110 -20 = 75 x 9 =675 Independent 14 - 26 = 8 x 43 = 344	1503	640	2503	320	Plant issue fee			
Claims 14 - 7 = 8 x 43 = 344 Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner			
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt			
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	802 ⁻	1 40	Recording each patent assignment per property (times number of properties)			
1202 16 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	, , , , , , , , , , , , , , , , , , , ,			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	, , , , , , , , , , , , , , , , , , , ,			
	Other fee (specify)							
SUBTOTAL (2) (\$)1019.00 **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 475.00					.00		

SUBMITTED BY (Complete (if applicable)) Registration No. Name (Print/Type) Η. Duane Switzer 22,431 Telephone 216-586-7283 (Attomey/Agent) Date 12/16/2003 Signature

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PTO/SB/06 (08-03)

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
09/887,661

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875								09/887,661			
CLAIMS AS FILED ~ PART I (Column 1) (Column 2)							SMALL I	ENTITY	OR	OTHER THAN SMALL ENTITY	
FOR NUMBER FILED NUMBER EXTRA					RATE	FEE		RATE	FE <u>E</u>		
BASIC FEE (37 CFR 1.16(a))				_	s	OR		\$			
TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = *					x \$=		OR	x \$=			
INDEPENDENT CLAIMS (37 CFR 1.16(b)) minus 3 = *					x \$=		OR	x s =			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						+\$ =		OR	+s =		
• If t	he difference in c	column 1 is less	than zero. e	nter "0" in column	2.		TOTAL		OR	TOTAL	
			/								
	C	LAIMS AS A	MENDED	- PARTII					OD	OTHER	R THAN
		(Column 1)	·	(Column 2)	(Column 3)	1	SMALL E	NTITY	OR I		ENTITY
ENT A		CLAIMS REMAINING AFTER AMENDMEN		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total (37 CFR 1.16(c))	110	Minus	" 35	⁼ 75		x \$ <u>9</u> =	675	OR	x \$=	
AMENDMENT	Independent (37 CFR 1.16(b))	14	Minus	··· 6	= 8		x <u>\$ 43</u> =	344	OR	x \$=	
AN	FIRST PRESENT	TATION OF MULTI	PLE DEPEND	ENT CLAIM (37 CI	FR 1.16(d))		+ s=		OR	+ \$=	
		-				' '	TOTAL ADD'L FEE	1019	OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)				_		
ENT B		CLAIMS REMAINING AFTER AMENDMEN		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
)ME	Total (37 CFR 1.16(c))	*	Minus	**	=		x \$=		OR	x \$=	-
AMENDMENT	Independent (37 CFR 1.16(b))	•	Minus	***	=		x s=		OR	x \$=	
ΑŞ	FIRST PRESENT	ATION OF MULTI	PLE DEPEND	ENT CLAIM (37 CF	R 1.16(d))	ı	+s =		OR	+\$ =	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)						
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total (37 CFR 1.16(c))	•	Minus	**	=		x s=		OR	x \$=	
AMENDMEN	Independent (37 CFR 1.16(b))	•	Minus	***	=		x \$=		OR	x \$=	
ΑĀ	FIRST PRESENT	ATION OF MULTI	PLE DEPEND	ENT CLAIM (37 CF	R 1.16(d))		+ s =		OR	+ \$=	
						•	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
• If the entry in column 1 is less than the entry in column 2, write "0" in column 3. • If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".											

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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^{***} If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".